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United States Patent [19]

Marshall et al.

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[54] **METHOD AND APPARATUS FOR CALIBRATING GEOMETRICALLY AN OPTICAL COMPUTER INPUT SYSTEM**

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Related U.S. Application Data

[63] Continuation of application No. 08/342,905, Nov. 21, 1994, abandoned, which is a continuation of application No. 08/115,522, Aug. 31, 1993, abandoned, which is a continuation of application No. 07/656,803, Feb. 14, 1991, abandoned, which is a continuation-in-part of application No. 07/433,029, Nov. 7, 1989, abandoned, and a continuation-in-part of application No. 07/611,416, Nov. 9, 1990, Pat. No. 5,181,015.

[51] **Int. Cl.**[6] **G09G 5/08**

[52] **U.S. Cl.** **345/158**; 345/7

[58] **Field of Search** 345/7, 8, 158, 345/180, 182, 183, 157; 348/187, 189, 190, 744, 745, 746, 747, 806; 395/141, 441; 382/293, 294

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[57] **ABSTRACT**

A method and apparatus geometrically makes correction in an optical computer input system.

18 Claims, 10 Drawing Sheets